DETAILED ACTION

1. This action is responsive to the Applicant's response filed 12/31/08.

As indicated in Applicant's response, claims 1, 15, 26 have been amended, and claims 6, 9, 20, 22, 31, 33 canceled. Claims 1-5, 7-8, 10-19, 21, 23-30, 32, 34-36 are pending in the office action.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Robert Kowert, Reg. # 39,255 on 4/7-4/9/09.

The application has been amended as follows.

In the CLAIMS:

The claims have been amended according to the herein attached Amendment, namely, "Proposed Claims Amendment for allowing Examiner's Amendment", provided as file "Proposd_040909.pdf"

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

4. Claims 1-5, 7-8, 10-19, 21, 23-30, 32, 34-36 are allowed.

The following is an examiner's statement of reasons for allowance.

The prior art taken separately or jointly does not suggest or teach the following features.

A software documentation generator is implemented by:

(i) analyzing plurality of input sources of different types including documentation file or source code file; implementing a input source aggregation with different input plug-ins each associated with a particular source type, using type identification based on the analysis to select a corresponding input plug-in; then

(ii) using the one or more selected input plug-ins to extract information from the plurality of sources to form a uniformly aggregated information that is submitted to a transformer component, the transformer component comprising a plurality of output plug-ins set, each set corresponding to the respective type of output software documentation format; and

(iii) implementing transformation using the transformer component so that based on received information specifying a particular documentation format for a software program, selecting a corresponding output plug-ins set of the transformer component to output one or more specified software documentation for the software application; as recited in claim 1, 15, 26.

Claussen et al, USPN: 6,732,330, discloses using HTML-based parser to extract markup elements of script data source (e.g. XML, or HTML) using tagbeans APIs to form a hierarchy of structured elements like a DOM tree; and using browser plug-in as a XSLT for generating more DOMs or target Java script code. Clausssen does not teach or suggest input stage with a plurality of input plug-ins specific to a type of document, via passing the aggregated information as in (ii) to a transformer component of a output stage, with transformer component comprising a plurality of output plug-ins based on analysis and extraction as recited in (i), thereby enabling transformation using a format-based selection of one or more of said output plug-ins of the transformer component as in (ii and iii) to yield a proper format documentation for a software based a information specifying this format.

Leslie et al, "Using Javadoc and XML to Produce API reference Documentation', 2002, (provided in IDS as per 5/03/06), teaches using DITA XML (with XSLT processor) module to form a tree hierarchy of object representing the initial source file disclosed as in many formats; using SAX APIs to support validation of XML tree data thus formed, then uses JTidy to structure the XML-compliant elements into the target HTML or XML using a StyleSheet. Leslie fails to teach input stage with a *plurality of input plug-ins* each associated with input type to support extraction as in (ii) based on the analysis and plug-in selection as in (i); and output stage including *a plurality of output plug-ins* sets, each specific to a desired output documentation format as in (iii) wherein selection of one or more output plug-in set(s) pertinent to a desired format based on a received format specification during the output stage, enables, using said output plug-in set, generating of a corresponding set of documentation for a target software application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A Vu whose telephone number is (571) 272-3735. The examiner can normally be reached on 8AM-4:30PM/Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571)272-3759.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3735 (for non-official correspondence - please consult Examiner before using) or 571-273-8300 (for official correspondence) or redirected to customer service at 571-272-3609.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tuan A Vu/

Primary Examiner, Art Unit 2193

April 09, 2009